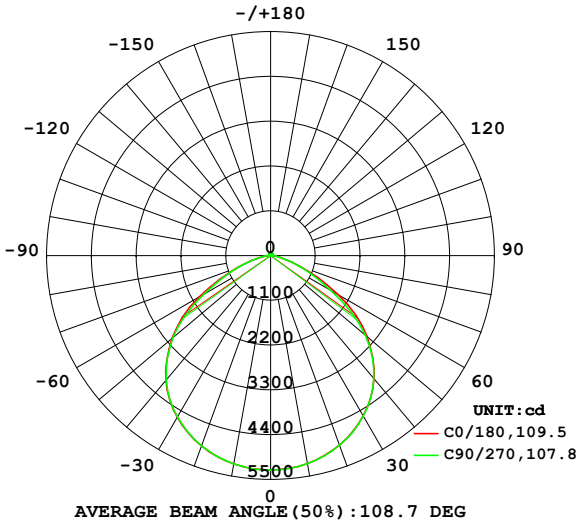
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

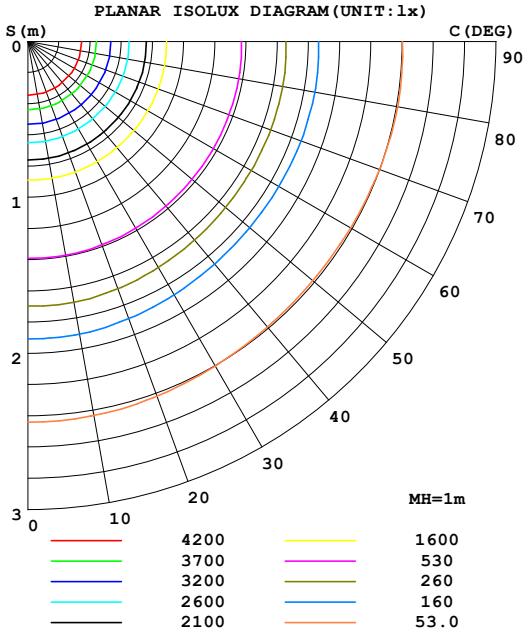
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 179.72 lm/W	
MODEL		Imax(cd)	5272	S/MH(C0/180)	1.29
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	14002	η UP,DN(C0-180)	1.1,48.1
NOMINAL FLUX(lm)	14002	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.8
LAMPS INSIDE	1	η up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	97.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):108.7 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5191	5189	5192	5190	5199	5195	5200	5208	0- 10	499.5	499.5	3.57,3.57
20	4950	4952	4957	4947	4975	4971	4972	4982	10- 20	1440	1939	13.9,13.9
30	4545	4547	4554	4539	4584	4586	4582	4605	20- 30	2207	4146	29.6,29.6
40	3956	3947	3946	3930	4008	3994	3991	4035	30- 40	2690	6836	48.8,48.8
50	3088	3056	3044	3050	3163	3140	3131	3186	40- 50	2748	9584	68.4,68.4
60	1910	1724	1713	1803	2022	1906	1884	2023	50- 60	2256	11840	84.6,84.6
70	750.7	696.6	718.2	721.1	868.2	820.9	825.6	856.9	60- 70	1269	13109	93.6,93.6
80	178.7	189.7	194.4	184.4	232.6	263.2	243.2	237.4	70- 80	486.3	13596	97.1,97.1
90	31.43	31.16	31.01	31.38	31.63	31.82	31.76	31.82	80- 90	111.0	13707	97.9,97.9
100	36.17	35.85	35.66	36.06	35.45	35.39	35.45	35.48	90-100	36.44	13743	98.2,98.2
110	41.70	41.34	41.17	41.53	40.41	40.32	40.47	40.42	100-110	40.48	13784	98.4,98.4
120	46.98	46.60	46.62	46.65	45.30	45.26	45.65	45.28	110-120	43.15	13827	98.7,98.7
130	51.28	51.07	51.33	50.93	49.85	49.86	50.63	49.93	120-130	43.34	13870	99.1,99.1
140	54.92	55.38	55.56	54.86	54.35	54.43	55.41	54.79	130-140	40.85	13911	99.3,99.3
150	59.58	60.03	60.09	59.33	59.72	59.37	60.34	60.03	140-150	35.94	13947	99.6,99.6
160	65.55	65.71	65.64	65.10	66.16	65.26	65.91	66.06	150-160	28.92	13976	99.8,99.8
170	71.60	70.98	70.75	70.60	72.15	70.74	70.83	71.27	160-170	19.33	13995	100,100
180	74.91	73.41	73.30	73.51	74.87	73.36	73.28	73.45	170-180	6.942	14002	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 8234.2 lm

%lum = 58.8%
%lamp = 58.8%

Conical surface Flux(130deg): 12597 lm

%lum = 90.0%
%lamp = 90.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

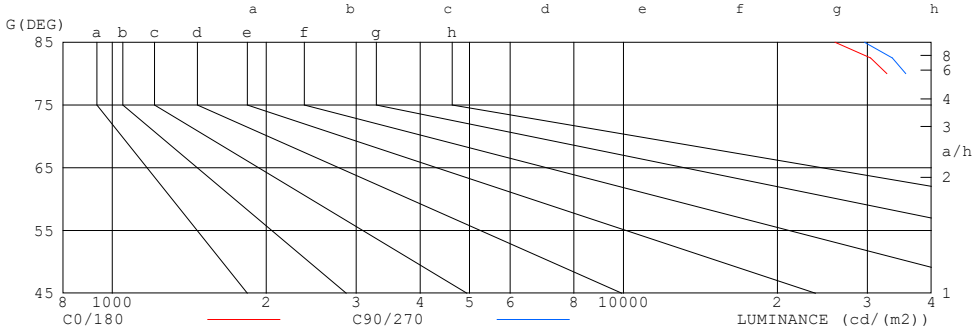
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz **UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm**		
NAME: SS-PT01-150/120/100/80/70W	**TYPE:**	**WEIGHT:**
SPEC.: 100~277V	**DIM.: 0.36**	**SERIAL No.:**
MFR.:	**SUR.: 0.2**	**Shielding Angle:**

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	25949	29629
80	32748	35655
75	48650	49000
70	69845	66880
65	96289	87014
60	121543	109122
55	142123	133822
50	152874	150819
45	159782	159260

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

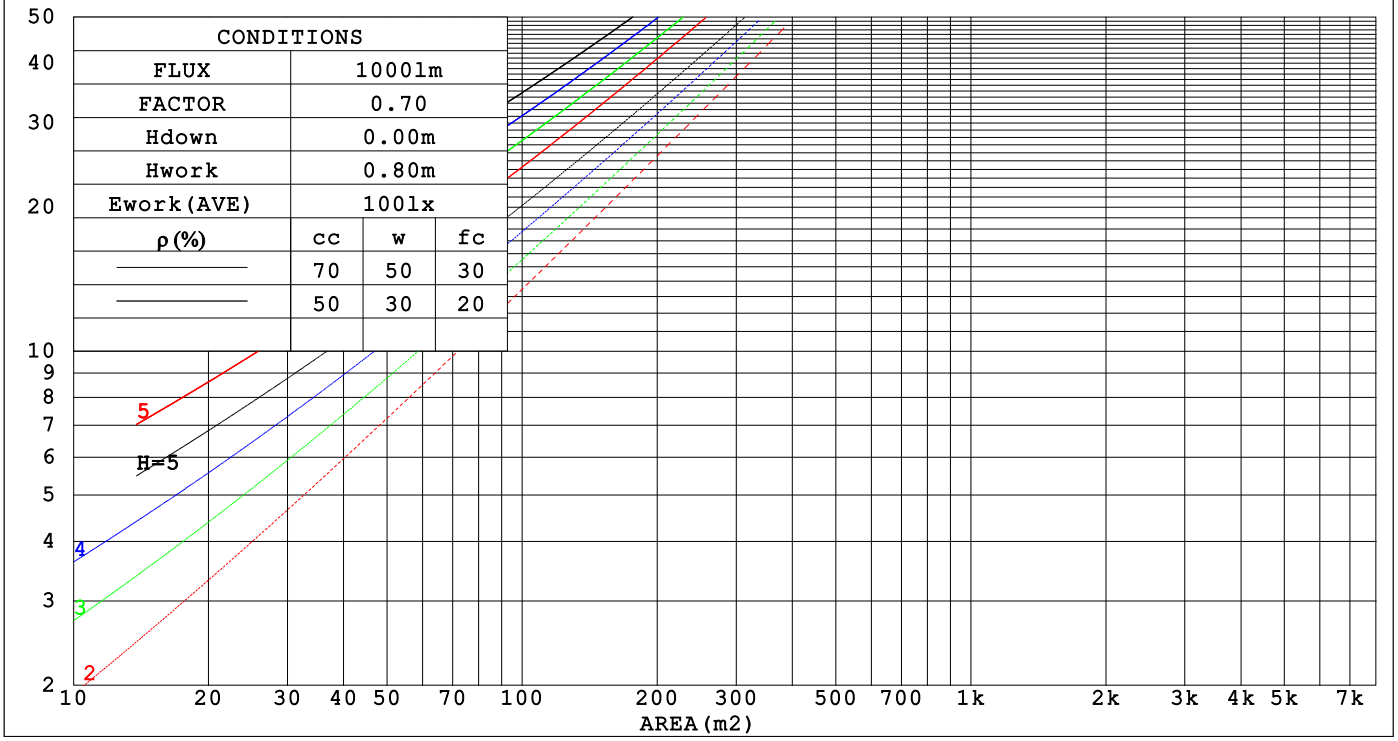
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.90	.88	.87	.85
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.83	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.71	.66	.74	.69	.65	.72	.67	.64	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.66	.57	.51	.64	.56	.50	.62	.55	.50	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.273	.155	.049	.266	.151	.048	.251	.144	.046	.238	.137	.044	.226	.131	.042	
2.0	.264	.144	.044	.257	.141	.044	.244	.136	.042	.233	.131	.041	.222	.126	.040	
3.0	.248	.132	.040	.242	.130	.039	.231	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.232	.121	.036	.227	.119	.035	.217	.115	.034	.208	.112	.034	.200	.108	.033	
5.0	.217	.111	.032	.213	.109	.032	.204	.106	.031	.196	.103	.031	.188	.100	.030	
6.0	.203	.102	.029	.199	.101	.029	.191	.098	.028	.184	.095	.028	.177	.093	.028	
7.0	.190	.094	.027	.187	.093	.027	.180	.091	.026	.173	.089	.026	.167	.087	.025	
8.0	.179	.087	.025	.175	.086	.024	.169	.084	.024	.163	.083	.024	.157	.081	.024	
9.0	.168	.081	.023	.165	.081	.023	.159	.079	.022	.154	.077	.022	.149	.076	.022	
10.0	.159	.076	.021	.156	.075	.021	.151	.074	.021	.146	.072	.021	.141	.071	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.207	.207	.207	.177	.177	.177	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.194	.173	.153	.166	.148	.132	.114	.102	.091	.065	.059	.053	.021	.019	.017	
2.0	.185	.148	.118	.158	.128	.102	.108	.088	.071	.063	.051	.042	.020	.017	.014	
3.0	.177	.131	.094	.152	.113	.081	.104	.078	.057	.060	.046	.034	.019	.015	.011	
4.0	.169	.117	.077	.145	.101	.067	.100	.071	.047	.058	.041	.028	.019	.013	.009	
5.0	.162	.107	.066	.139	.092	.057	.096	.064	.040	.056	.038	.024	.018	.012	.008	
6.0	.155	.098	.057	.133	.085	.050	.092	.060	.035	.053	.035	.021	.017	.011	.007	
7.0	.149	.091	.051	.128	.079	.044	.088	.055	.031	.051	.033	.019	.017	.011	.006	
8.0	.143	.086	.046	.123	.074	.040	.085	.052	.029	.049	.031	.017	.016	.010	.006	
9.0	.137	.081	.043	.118	.070	.037	.082	.049	.026	.048	.029	.016	.015	.010	.005	
10.0	.132	.076	.040	.113	.066	.035	.079	.047	.025	.046	.028	.015	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	29.7	31.1	30.0	31.3	31.6	29.4	30.8	29.7	31.1	31.3
3H	30.3	31.6	30.6	31.8	32.1	30.0	31.3	30.3	31.6	31.8
4H	30.4	31.6	30.7	31.9	32.2	30.1	31.3	30.5	31.6	31.9
6H	30.4	31.5	30.7	31.8	32.1	30.1	31.3	30.5	31.6	31.9
8H	30.4	31.5	30.7	31.8	32.1	30.1	31.2	30.5	31.6	31.9
12H	30.3	31.4	30.7	31.7	32.1	30.1	31.2	30.5	31.5	31.8
4H 2H	29.9	31.1	30.3	31.4	31.7	29.7	30.9	30.1	31.2	31.5
3H	30.6	31.7	31.0	32.0	32.4	30.4	31.5	30.8	31.8	32.1
4H	30.8	31.8	31.2	32.1	32.5	30.6	31.5	31.0	31.9	32.3
6H	30.8	31.7	31.3	32.1	32.5	30.7	31.5	31.1	31.9	32.3
8H	30.8	31.6	31.3	32.0	32.5	30.7	31.5	31.1	31.9	32.3
12H	30.8	31.6	31.3	32.0	32.4	30.7	31.4	31.1	31.8	32.3
8H 4H	30.8	31.6	31.2	32.0	32.4	30.6	31.4	31.0	31.8	32.2
6H	30.9	31.5	31.4	32.0	32.5	30.7	31.4	31.2	31.8	32.3
8H	30.9	31.5	31.4	32.0	32.5	30.8	31.4	31.3	31.8	32.3
12H	30.9	31.4	31.4	31.9	32.4	30.8	31.3	31.3	31.8	32.3
12H 4H	30.8	31.5	31.2	31.9	32.3	30.6	31.3	31.0	31.7	32.1
6H	30.9	31.4	31.4	31.9	32.4	30.7	31.3	31.2	31.7	32.2
8H	30.9	31.4	31.4	31.9	32.4	30.8	31.3	31.3	31.8	32.3

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.4 / - 0.4	+ 0.4 / - 0.5
1.5H	+ 0.4 / - 0.6	+ 0.3 / - 0.6
2.0H	+ 0.9 / - 1.2	+ 1.0 / - 1.1

CIE Pub.117, 14002 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.2)
Area: 0.0314 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

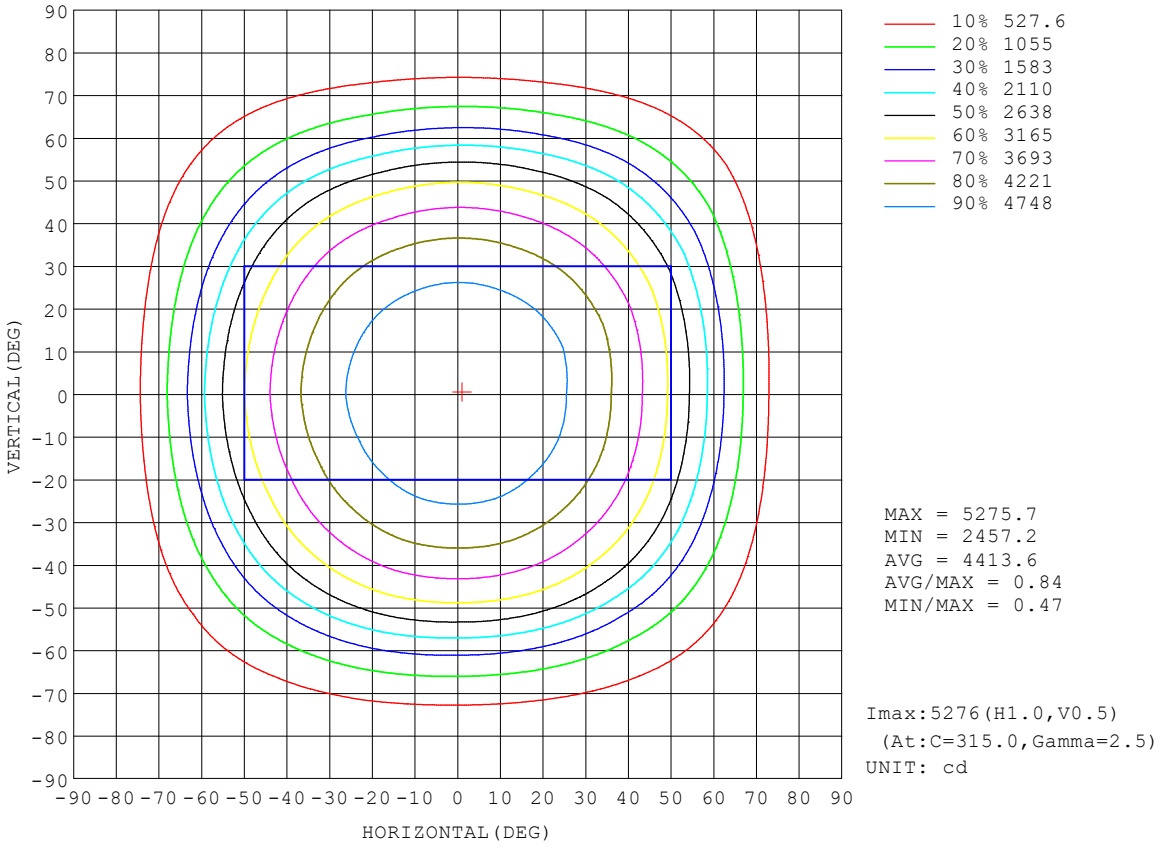
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	57	51	44
1.00	79	68	61	77	68	61	75	69	60	54
1.25	86	76	69	84	75	69	81	74	68	61
1.50	91	82	75	89	81	75	86	79	73	66
2.00	97	89	84	95	88	83	92	86	81	73
2.50	101	94	88	98	92	87	94	89	85	77
3.00	104	98	93	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	100	97	93	84
5.00	109	105	101	107	103	100	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:



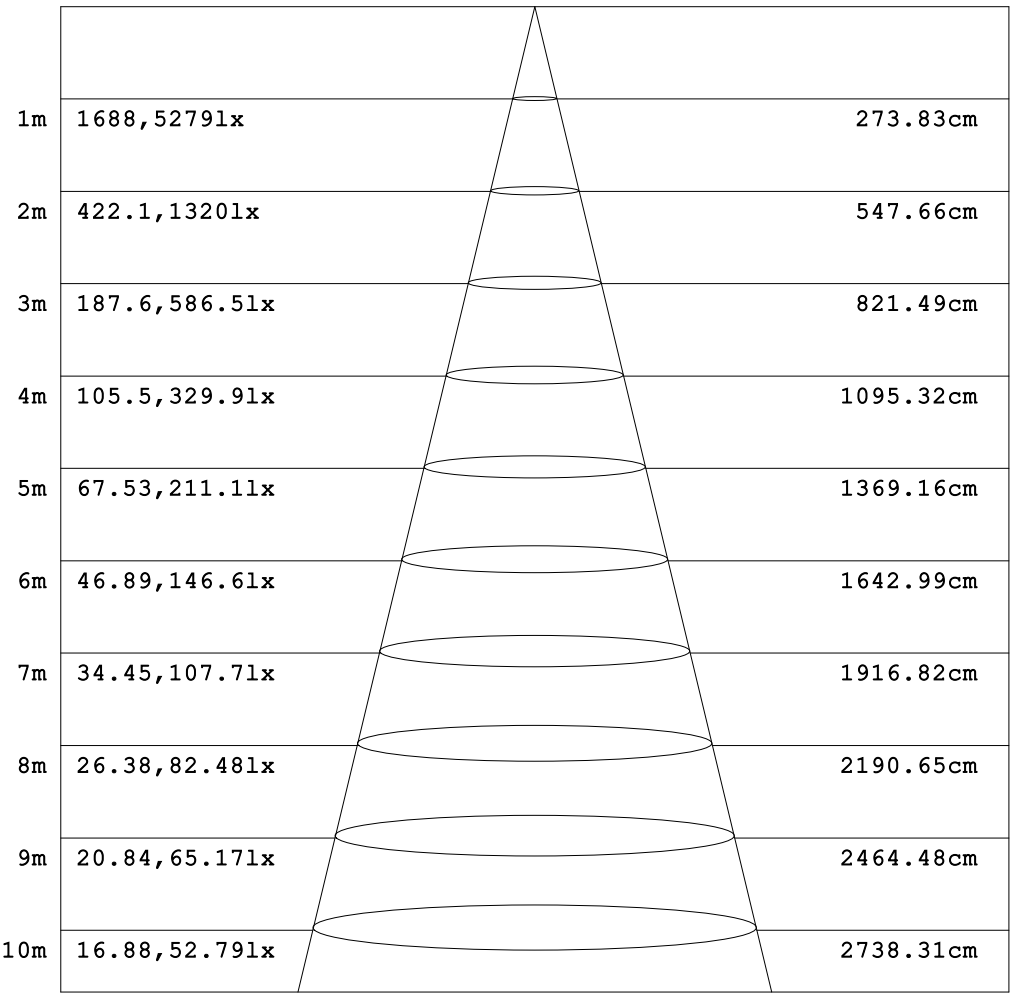
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

Flux out:10817 lm



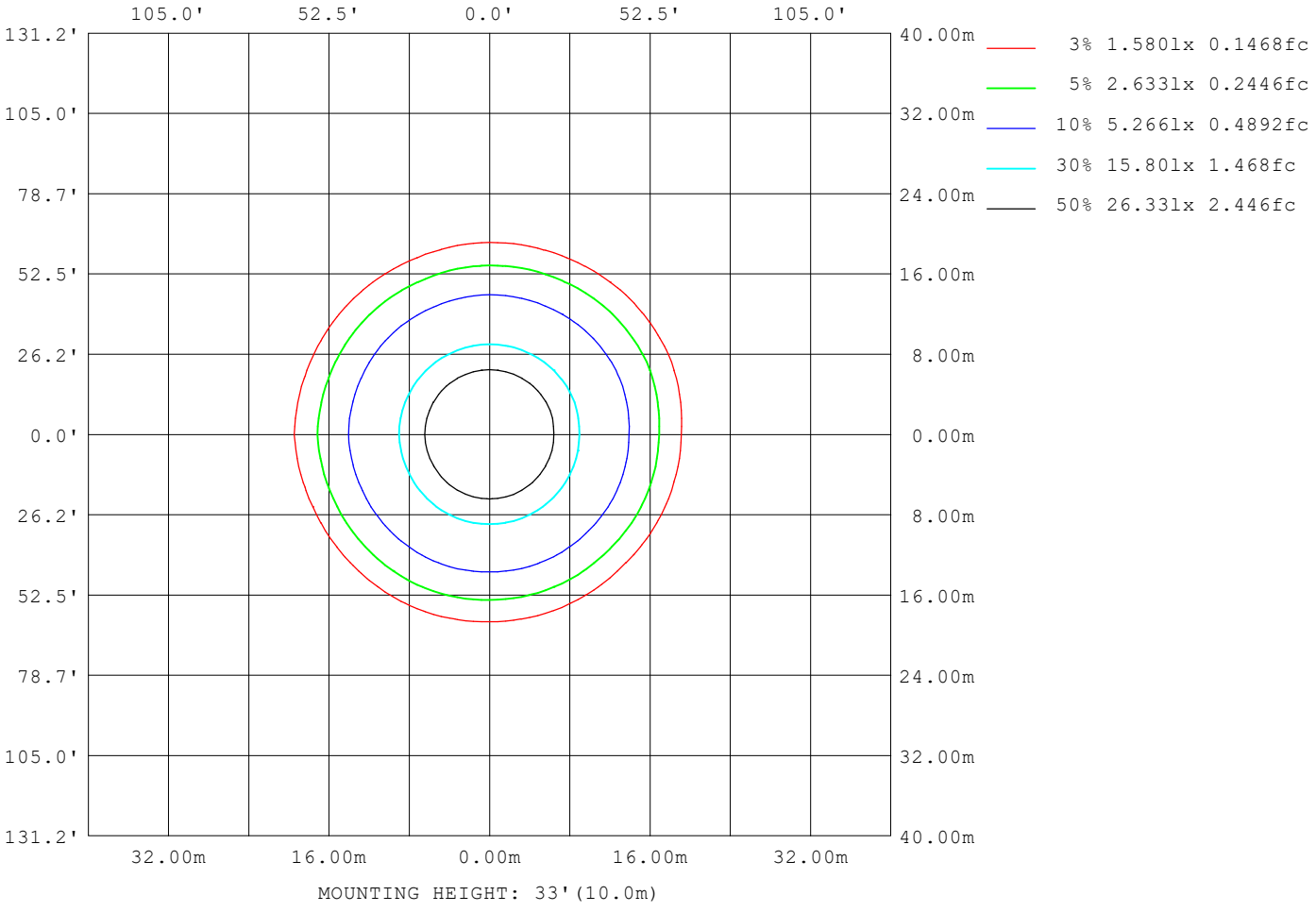
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

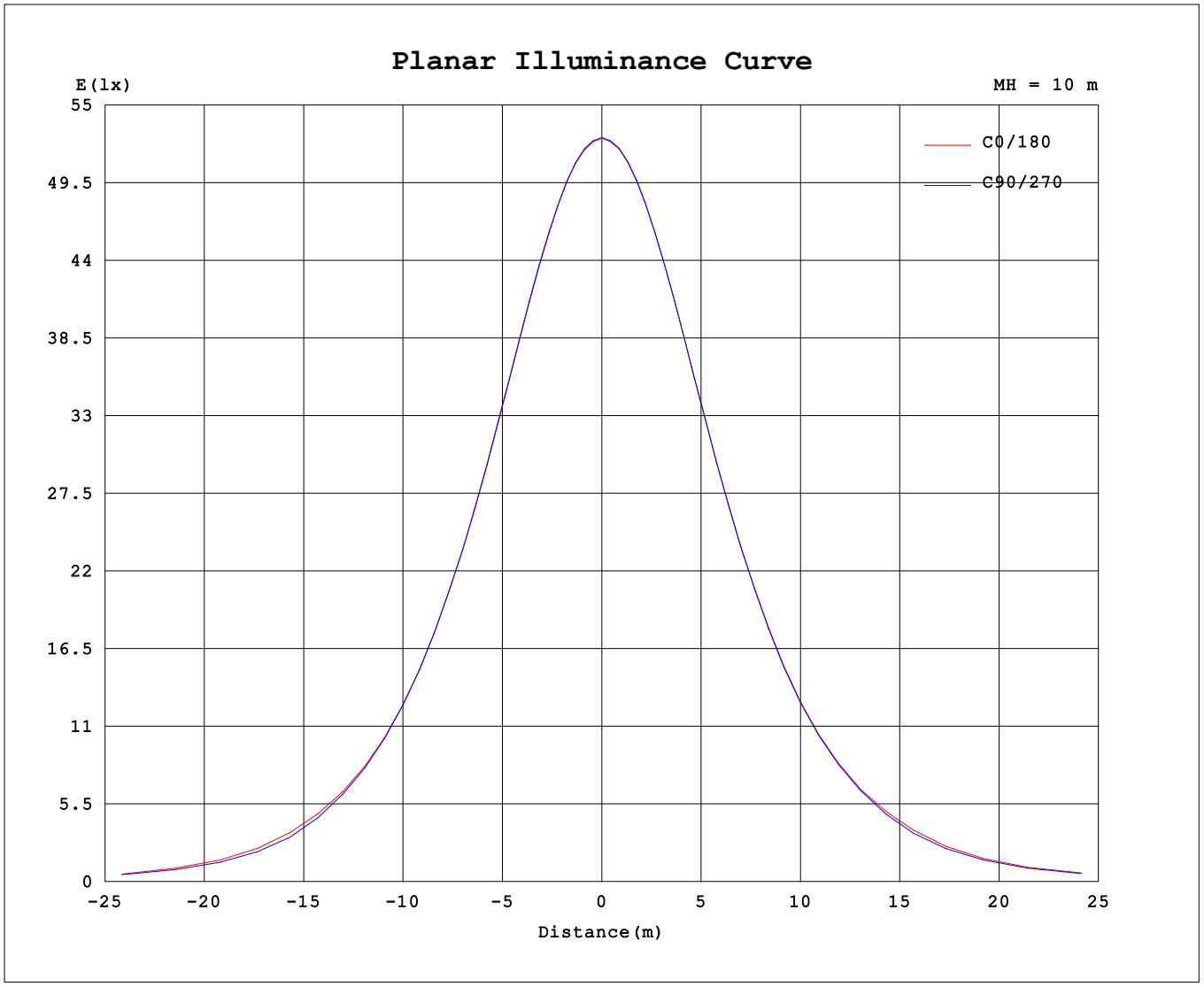
AvgL	cd/m2
L_0~180(65)av	100231
L_0~180(75)av	54104
L_0~180(85)av	30273
L_90~270(65)av	92268
L_90~270(75)av	53872
L_90~270(85)av	36022
L_45(65)av	94361
L_45(75)av	53871
L_45(85)av	34032

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.86V I:0.6602A P:77.908W PF:0.9845 Freq:60.01Hz UTHDi:0.49% ITHDi:5.54% KDisp:0.0000 Lamp Flux:14002x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270			
5	5245	5250	5251	5255	5248	5253	5250	5240	5254	5256	5251	5251	5253	5258	5262	5256			
10	5191	5194	5189	5192	5192	5194	5190	5177	5199	5200	5195	5200	5200	5199	5208	5204			
15	5088	5095	5090	5098	5094	5096	5089	5078	5106	5108	5105	5103	5103	5108	5117	5111			
20	4950	4958	4952	4959	4957	4956	4947	4936	4975	4972	4971	4968	4972	4971	4982	4983			
25	4772	4782	4771	4788	4781	4780	4762	4757	4800	4797	4797	4793	4796	4797	4809	4812			
30	4545	4558	4547	4568	4554	4554	4539	4531	4584	4585	4586	4575	4582	4583	4605	4607			
35	4284	4292	4279	4298	4281	4291	4271	4266	4327	4321	4326	4316	4318	4322	4351	4353			
40	3956	3964	3947	3958	3946	3955	3930	3925	4008	3994	3994	3977	3991	3998	4035	4035			
45	3550	3559	3537	3549	3536	3546	3516	3512	3610	3594	3594	3571	3591	3595	3637	3645			
50	3088	3094	3056	3065	3044	3065	3050	3058	3163	3142	3140	3110	3131	3134	3186	3199			
55	2562	2546	2464	2440	2410	2470	2494	2532	2655	2611	2595	2532	2562	2587	2676	2694			
60	1910	1839	1724	1724	1713	1771	1803	1863	2022	1945	1906	1849	1884	1914	2023	2064			
65	1279	1201	1132	1148	1155	1187	1205	1238	1381	1325	1298	1278	1294	1315	1375	1398			
70	751	729	697	710	718	734	721	750	868	838	821	800	826	826	857	871			
75	396	397	391	401	398	407	395	401	484	479	482	470	477	471	483	482			
80	179	185	190	197	194	194	184	183	233	239	263	242	243	235	237	228			
85	71.1	74.8	77.9	83.2	81.1	80.6	74.4	73.2	94.6	104	117	116	116	108	103	94.0			
90	31.4	31.2	31.2	30.9	31.0	31.0	31.4	31.5	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.7			
95	33.6	33.4	33.3	33.1	33.1	33.2	33.5	33.7	33.2	33.3	33.2	33.3	33.2	33.3	33.3	33.2			
100	36.2	35.9	35.8	35.6	35.7	35.7	36.1	36.2	35.4	35.6	35.4	35.5	35.4	35.6	35.5	35.5			
105	38.9	38.7	38.6	38.3	38.4	38.4	38.8	38.9	37.9	38.0	37.8	38.0	37.9	38.0	37.9	37.9			
110	41.7	41.5	41.3	41.1	41.2	41.1	41.5	41.7	40.4	40.5	40.3	40.5	40.5	40.6	40.4	40.4			
115	44.4	44.2	44.0	43.8	44.0	43.8	44.2	44.4	42.9	43.0	42.8	43.0	43.1	43.1	42.9	42.9			
120	47.0	46.8	46.6	46.4	46.6	46.4	46.7	46.9	45.3	45.4	45.3	45.4	45.7	45.5	45.3	45.2			
125	49.2	49.1	48.9	48.8	49.1	48.8	48.9	49.1	47.6	47.8	47.6	47.9	48.1	47.9	47.6	47.5			
130	51.3	51.2	51.1	51.1	51.3	51.0	50.9	51.0	49.8	50.0	49.9	50.4	50.6	50.4	49.9	49.8			
135	53.1	53.3	53.2	53.4	53.5	53.2	52.9	52.8	52.0	52.2	52.2	52.8	53.1	52.9	52.4	52.1			
140	54.9	55.3	55.4	55.5	55.6	55.2	54.9	54.7	54.4	54.3	54.4	55.1	55.4	55.3	54.8	54.4			
145	57.1	57.4	57.6	57.6	57.7	57.3	56.9	56.7	56.9	56.7	56.8	57.4	57.8	57.8	57.3	56.9			
150	59.6	60.0	60.0	60.0	60.1	59.6	59.3	59.1	59.7	59.3	59.4	59.9	60.3	60.4	60.0	59.6			
155	62.5	62.7	62.8	62.8	62.8	62.3	62.1	61.8	62.8	62.3	62.2	62.7	63.1	63.2	63.0	62.7			
160	65.6	65.8	65.7	65.7	65.6	65.3	65.1	64.9	66.2	65.4	65.3	65.6	65.9	66.1	66.1	65.9			
165	68.7	68.8	68.5	68.5	68.3	68.1	68.1	67.9	69.4	68.3	68.2	68.4	68.6	68.8	69.0	69.0			
170	71.6	71.3	71.0	70.9	70.7	70.6	70.6	70.5	72.2	71.0	70.7	70.8	70.8	71.1	71.3	71.5			
175	101	73.1	72.6	72.6	72.3	72.3	72.5	72.6	74.0	72.9	72.6	72.6	72.5	72.6	72.9	73.1			
180	74.9	73.7	73.4	73.4	73.3	73.4	73.5	73.7	74.9	73.7	73.4	73.4	73.3	73.3	73.5	73.7			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	5270	5270	5270	5270	5270	5270	5270	5270	5270	5270
2.5	5260	5267	5261	5265	5264	5265	5264	5256	5260	5269
5.0	5245	5250	5251	5255	5248	5253	5250	5240	5254	5256
7.5	5224	5226	5223	5233	5224	5225	5225	5215	5230	5232
10.0	5191	5194	5189	5192	5192	5194	5190	5177	5199	5200
12.5	5146	5151	5146	5154	5143	5148	5141	5137	5155	5155
15.0	5088	5095	5090	5098	5094	5096	5089	5078	5106	5108
17.5	5025	5032	5027	5034	5030	5029	5022	5015	5043	5045
20.0	4950	4958	4952	4959	4957	4956	4947	4936	4975	4972
22.5	4868	4873	4867	4878	4871	4872	4856	4848	4896	4886
25.0	4772	4782	4771	4788	4781	4780	4762	4757	4800	4797
27.5	4663	4675	4664	4681	4669	4675	4655	4650	4701	4694
30.0	4545	4558	4547	4568	4554	4554	4539	4531	4584	4585
32.5	4420	4430	4422	4438	4426	4429	4413	4405	4466	4458
35.0	4284	4292	4279	4298	4281	4291	4271	4266	4327	4321
37.5	4129	4141	4121	4139	4129	4135	4111	4105	4177	4168
40.0	3956	3964	3947	3958	3946	3955	3930	3925	4008	3994
42.5	3760	3769	3751	3764	3753	3764	3734	3729	3819	3799
45.0	3550	3559	3537	3549	3536	3546	3516	3512	3610	3594
47.5	3323	3333	3309	3318	3302	3318	3293	3292	3386	3370
50.0	3088	3094	3056	3065	3044	3065	3050	3058	3163	3142
52.5	2837	2837	2782	2781	2751	2791	2791	2810	2909	2890
55.0	2562	2546	2464	2440	2410	2470	2494	2532	2655	2611
57.5	2247	2209	2087	2065	2043	2112	2150	2212	2359	2288
60.0	1910	1839	1724	1724	1713	1771	1803	1863	2022	1945
62.5	1571	1498	1405	1418	1416	1460	1474	1532	1687	1620
65.0	1279	1201	1132	1148	1155	1187	1205	1238	1381	1325
67.5	986.5	944.6	892.7	911.2	921.7	943.4	935.2	975.9	1111	1067
70.0	750.7	728.7	696.6	710.1	718.2	734.1	721.1	750.3	868.2	838.0
72.5	553.7	545.2	529.9	540.5	544.5	555.7	542.1	558.5	659.7	642.6
75.0	395.7	397.2	391.1	400.9	398.2	407.2	394.5	401.2	483.7	478.8
77.5	272.7	291.2	276.8	298.7	281.1	300.7	276.6	292.1	343.3	345.4
80.0	178.7	185.3	189.7	196.7	194.4	194.4	184.4	183.0	232.6	239.2
82.5	124.8	123.4	133.7	136.8	137.7	131.1	129.3	116.9	149.8	157.8
85.0	71.07	74.79	77.92	83.23	81.08	80.62	74.39	73.17	94.63	104.4
87.5	36.06	35.81	35.33	37.45	35.77	38.22	36.37	37.92	54.85	59.49
90.0	31.43	31.25	31.16	30.93	31.01	31.05	31.38	31.48	31.63	31.81
92.5	32.43	32.25	32.15	31.95	31.99	32.04	32.40	32.49	32.23	32.31
95.0	33.59	33.40	33.32	33.09	33.14	33.21	33.54	33.65	33.24	33.32
97.5	34.84	34.62	34.55	34.32	34.38	34.40	34.77	34.87	34.31	34.41
100.0	36.17	35.93	35.85	35.59	35.66	35.70	36.06	36.18	35.45	35.55
102.5	37.52	37.30	37.20	36.94	37.01	37.03	37.42	37.54	36.66	36.74
105.0	38.91	38.68	38.57	38.30	38.38	38.41	38.77	38.92	37.89	38.00
107.5	40.31	40.09	39.94	39.69	39.76	39.79	40.16	40.32	39.15	39.25
110.0	41.70	41.48	41.34	41.08	41.17	41.15	41.53	41.70	40.41	40.51
112.5	43.10	42.88	42.73	42.44	42.58	42.50	42.90	43.07	41.66	41.77
115.0	44.44	44.20	44.04	43.77	43.97	43.81	44.17	44.37	42.93	43.02
117.5	45.74	45.53	45.35	45.09	45.33	45.10	45.45	45.64	44.09	44.23
120.0	46.98	46.76	46.60	46.38	46.62	46.36	46.65	46.87	45.30	45.43
122.5	48.13	47.94	47.79	47.62	47.85	47.58	47.78	47.99	46.45	46.61
125.0	49.25	49.10	48.90	48.83	49.06	48.78	48.87	49.06	47.62	47.78
127.5	50.28	50.17	50.02	50.01	50.22	49.92	49.91	50.06	48.74	48.89
130.0	51.28	51.22	51.07	51.13	51.33	51.05	50.93	51.05	49.85	50.01
132.5	52.19	52.28	52.18	52.26	52.43	52.13	51.92	51.93	50.96	51.09
135.0	53.11	53.28	53.23	53.36	53.51	53.16	52.89	52.83	52.03	52.18
137.5	54.01	54.28	54.29	54.46	54.53	54.17	53.83	53.75	53.15	53.26
140.0	54.92	55.29	55.38	55.52	55.56	55.19	54.86	54.71	54.35	54.35
142.5	55.98	56.34	56.50	56.57	56.63	56.22	55.87	55.65	55.62	55.49
145.0	57.09	57.43	57.63	57.65	57.71	57.25	56.95	56.73	56.90	56.70
147.5	58.29	58.63	58.77	58.83	58.91	58.40	58.10	57.86	58.28	58.00
150.0	59.58	59.95	60.03	60.05	60.09	59.61	59.33	59.09	59.72	59.35
152.5	60.96	61.34	61.36	61.38	61.44	60.92	60.67	60.43	61.24	60.84
155.0	62.46	62.73	62.78	62.78	62.80	62.31	62.06	61.84	62.84	62.30
157.5	63.96	64.22	64.25	64.20	64.23	63.77	63.56	63.33	64.47	63.84
160.0	65.55	65.76	65.71	65.73	65.64	65.29	65.10	64.88	66.16	65.36
162.5	67.20	67.32	67.15	67.17	67.05	66.73	66.66	66.42	67.77	66.90
165.0	68.72	68.85	68.52	68.52	68.33	68.14	68.10	67.92	69.38	68.33
167.5	70.24	70.15	69.79	69.74	69.61	69.47	69.48	69.27	70.81	69.70
170.0	71.60	71.30	70.98	70.89	70.75	70.60	70.60	70.53	72.15	70.98
172.5	72.80	72.35	71.89	71.83	71.64	71.54	71.65	71.71	73.26	72.11
175.0	100.7	73.08	72.63	72.60	72.35	72.35	72.47	72.64	74.00	72.89
177.5	82.44	73.55	73.23	73.14	72.95	73.03	73.16	73.33	74.65	73.43
180.0	74.91	73.72	73.41	73.36	73.30	73.35	73.51	73.70	74.87	73.71

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	225.0	247.5	270.0	292.5	315.0	337.5
0.0	5270	5270	5270	5270	5270	5270
2.5	5267	5270	5263	5269	5272	5266
5.0	5251	5251	5253	5258	5262	5256
7.5	5230	5231	5229	5233	5239	5237
10.0	5195	5200	5200	5199	5208	5204
12.5	5155	5154	5154	5154	5168	5167
15.0	5105	5103	5103	5108	5117	5111
17.5	5044	5040	5040	5043	5054	5053
20.0	4971	4968	4972	4971	4982	4983
22.5	4889	4884	4889	4889	4903	4902
25.0	4797	4793	4796	4797	4809	4812
27.5	4692	4689	4695	4695	4718	4714
30.0	4586	4575	4582	4583	4605	4607
32.5	4463	4456	4456	4456	4483	4488
35.0	4326	4316	4318	4322	4351	4353
37.5	4172	4156	4163	4169	4203	4204
40.0	3994	3977	3991	3998	4035	4035
42.5	3803	3779	3796	3805	3841	3850
45.0	3594	3571	3591	3595	3637	3645
47.5	3375	3350	3367	3368	3416	3425
50.0	3140	3110	3131	3134	3186	3199
52.5	2884	2844	2867	2878	2931	2956
55.0	2595	2532	2562	2587	2676	2694
57.5	2255	2183	2219	2257	2367	2402
60.0	1906	1849	1884	1914	2023	2064
62.5	1587	1542	1574	1598	1685	1715
65.0	1298	1278	1294	1315	1375	1398
67.5	1043	1015	1047	1052	1101	1119
70.0	820.9	800.1	825.6	825.7	856.9	871.2
72.5	637.5	620.6	637.7	632.7	653.7	659.8
75.0	482.2	470.2	477.5	471.0	483.4	482.1
77.5	355.2	342.9	346.5	338.6	347.9	339.1
80.0	263.2	242.3	243.2	235.4	237.4	227.6
82.5	171.4	169.1	169.8	160.5	157.3	146.4
85.0	116.9	116.2	116.1	108.1	103.3	93.95
87.5	66.42	63.28	64.79	60.04	60.11	54.38
90.0	31.82	31.84	31.76	31.81	31.82	31.69
92.5	32.18	32.30	32.20	32.32	32.25	32.21
95.0	33.20	33.30	33.21	33.34	33.26	33.24
97.5	34.25	34.39	34.30	34.43	34.34	34.32
100.0	35.39	35.52	35.45	35.57	35.48	35.47
102.5	36.60	36.73	36.65	36.76	36.67	36.67
105.0	37.81	37.97	37.89	38.01	37.90	37.90
107.5	39.06	39.24	39.16	39.29	39.16	39.13
110.0	40.32	40.48	40.47	40.56	40.42	40.39
112.5	41.58	41.73	41.76	41.83	41.68	41.65
115.0	42.83	42.97	43.07	43.05	42.91	42.86
117.5	44.04	44.21	44.34	44.26	44.08	44.04
120.0	45.26	45.45	45.65	45.48	45.28	45.20
122.5	46.44	46.68	46.91	46.67	46.43	46.36
125.0	47.59	47.93	48.14	47.92	47.63	47.50
127.5	48.72	49.15	49.37	49.18	48.76	48.61
130.0	49.86	50.39	50.63	50.41	49.93	49.76
132.5	51.02	51.61	51.84	51.66	51.12	50.91
135.0	52.18	52.76	53.06	52.90	52.35	52.06
137.5	53.31	53.95	54.26	54.11	53.57	53.21
140.0	54.43	55.12	55.41	55.31	54.79	54.39
142.5	55.60	56.26	56.62	56.57	56.03	55.63
145.0	56.80	57.43	57.81	57.79	57.31	56.85
147.5	58.06	58.65	59.07	59.08	58.62	58.19
150.0	59.37	59.91	60.34	60.37	60.03	59.63
152.5	60.73	61.28	61.68	61.75	61.46	61.14
155.0	62.21	62.69	63.07	63.23	62.96	62.72
157.5	63.70	64.16	64.47	64.66	64.48	64.32
160.0	65.26	65.64	65.91	66.08	66.06	65.93
162.5	66.72	67.05	67.26	67.51	67.57	67.47
165.0	68.20	68.44	68.64	68.82	69.01	69.02
167.5	69.49	69.71	69.84	70.06	70.24	70.44
170.0	70.74	70.82	70.83	71.15	71.27	71.54
172.5	71.80	71.77	71.74	72.00	72.19	72.45
175.0	72.63	72.57	72.50	72.64	72.88	73.14
177.5	73.21	73.12	73.09	73.14	73.33	73.57
180.0	73.36	73.40	73.28	73.34	73.45	73.72

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks: